

FIG. 1

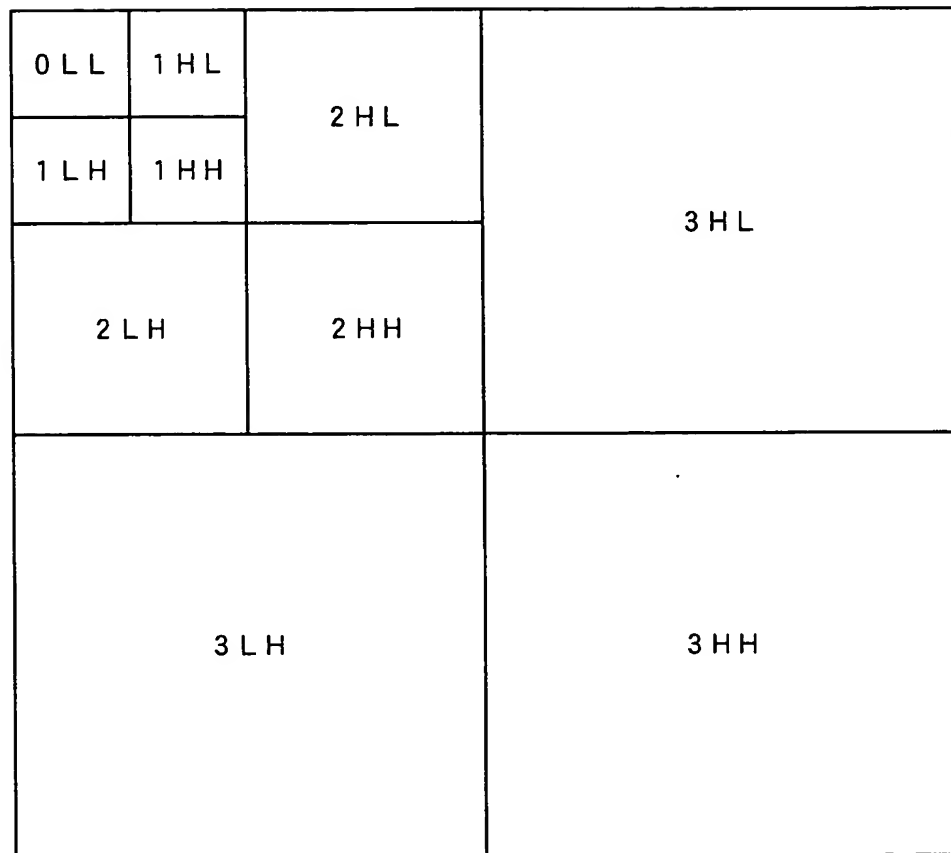


FIG.2

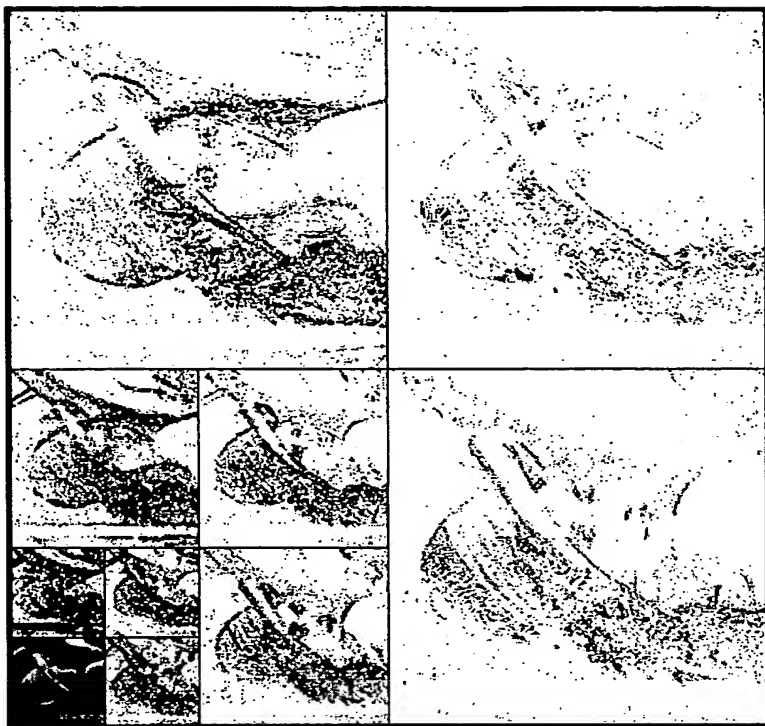


FIG. 3B

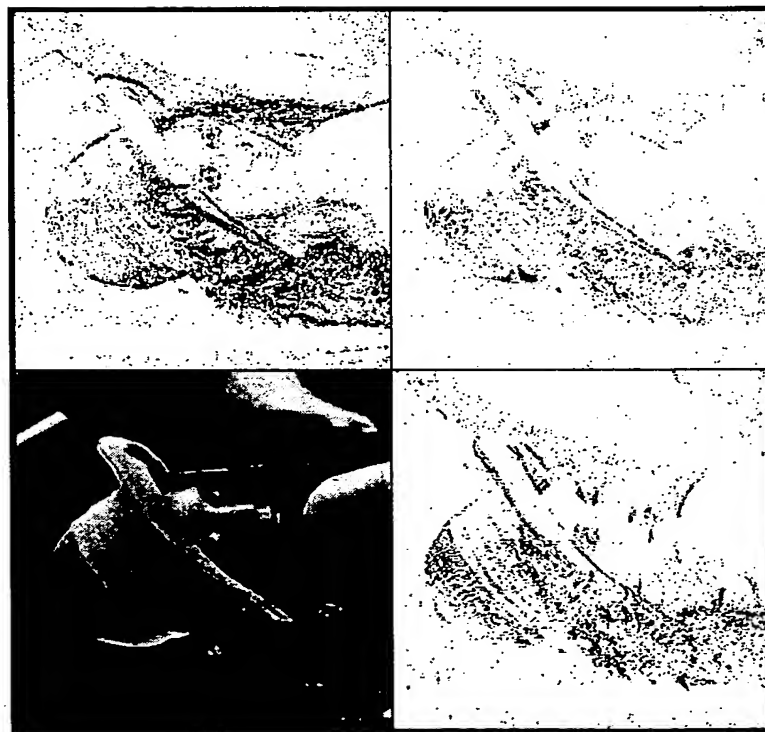


FIG. 3A

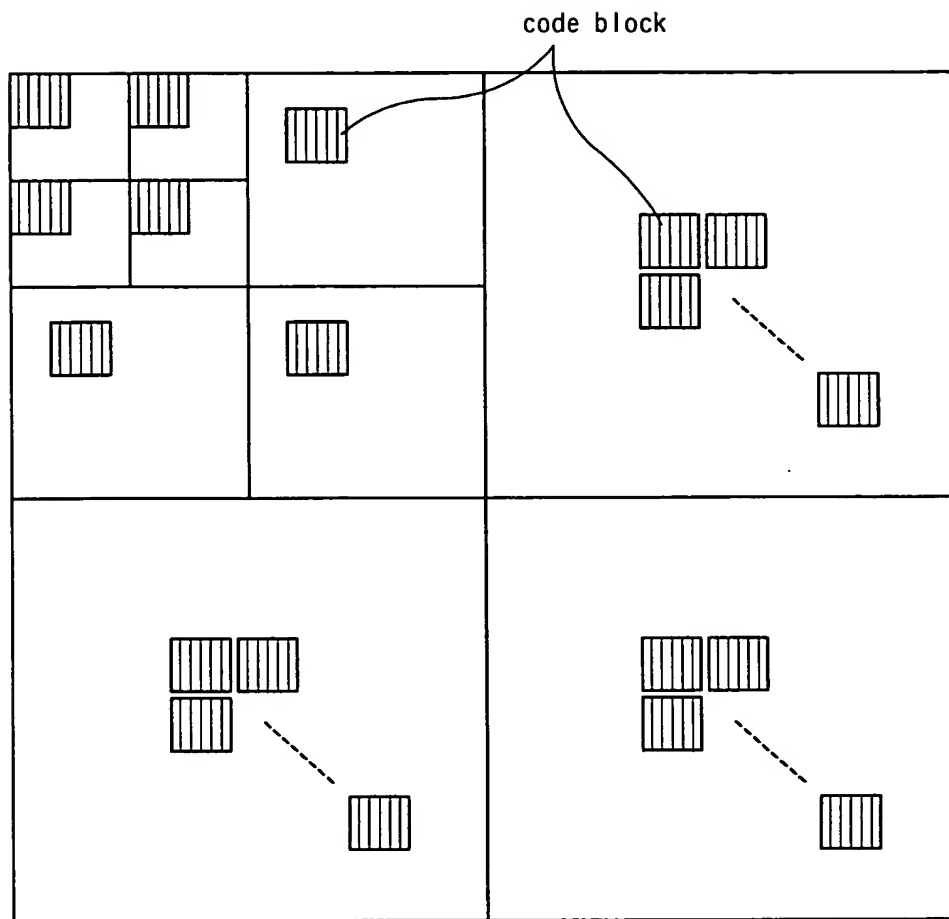


FIG.4

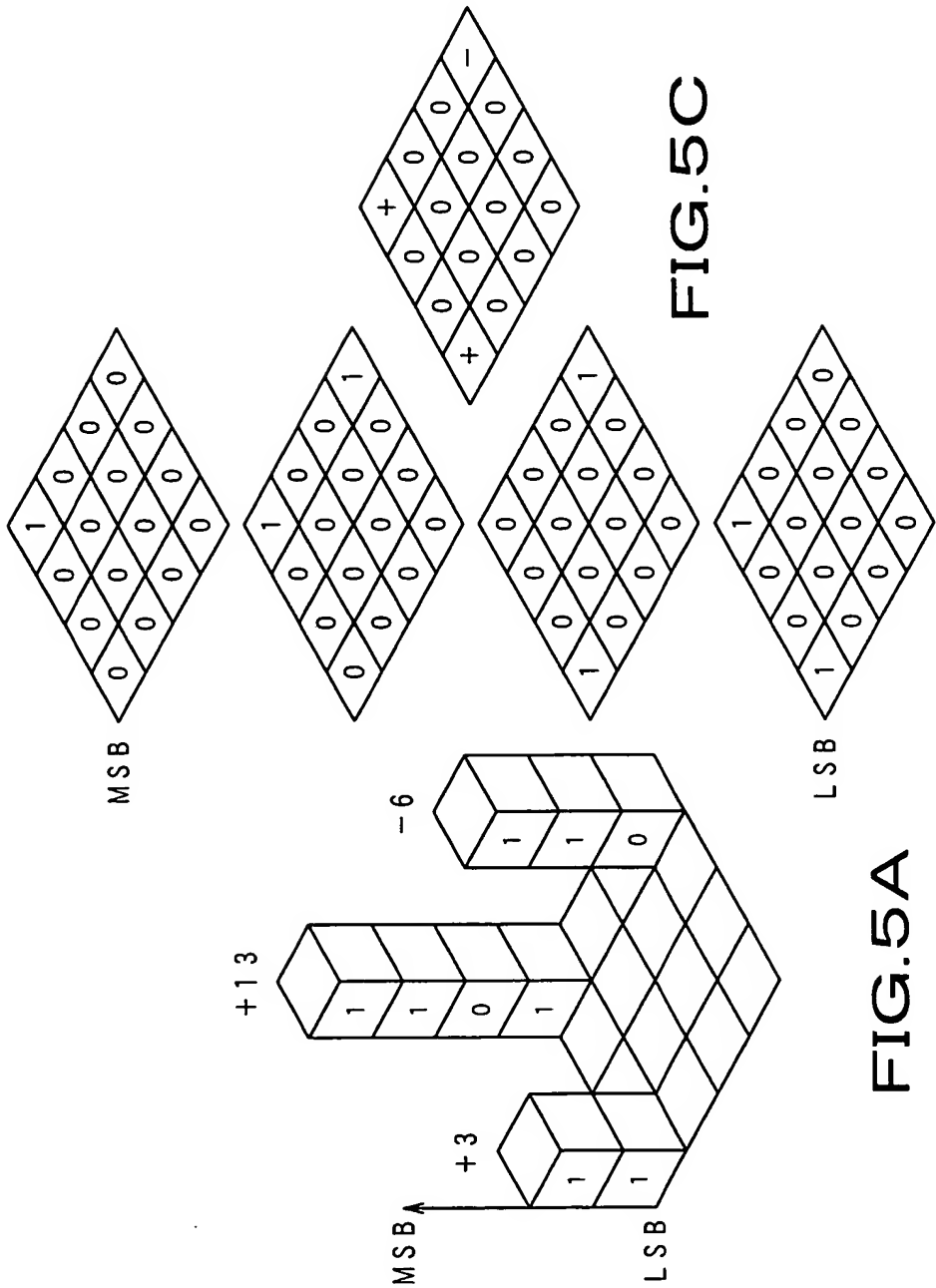


FIG. 5C

FIG. 5B

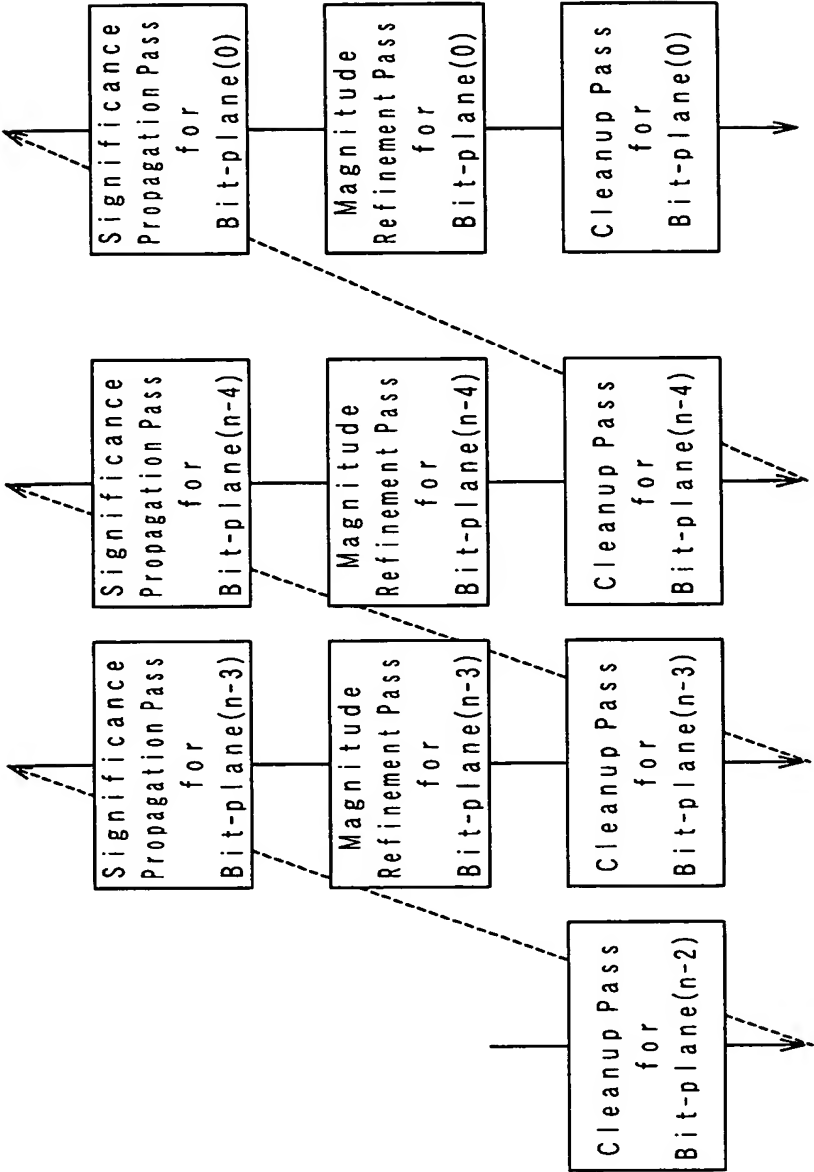


FIG.6

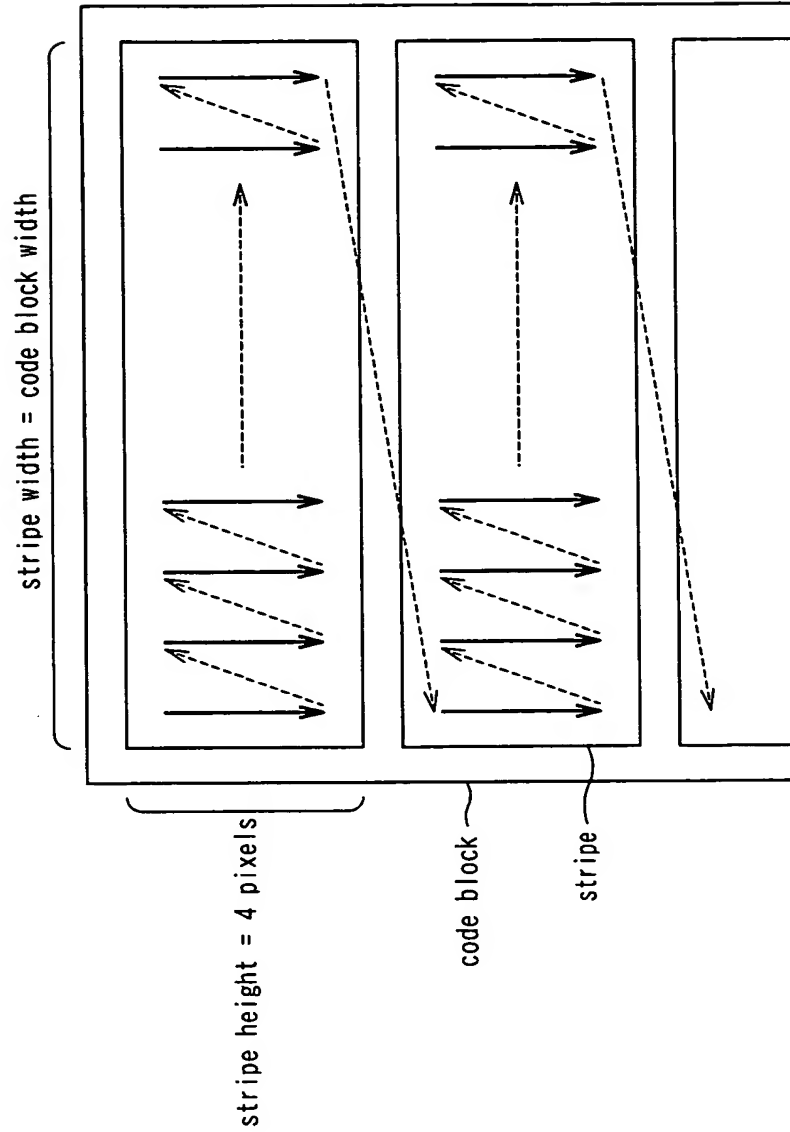


FIG.7

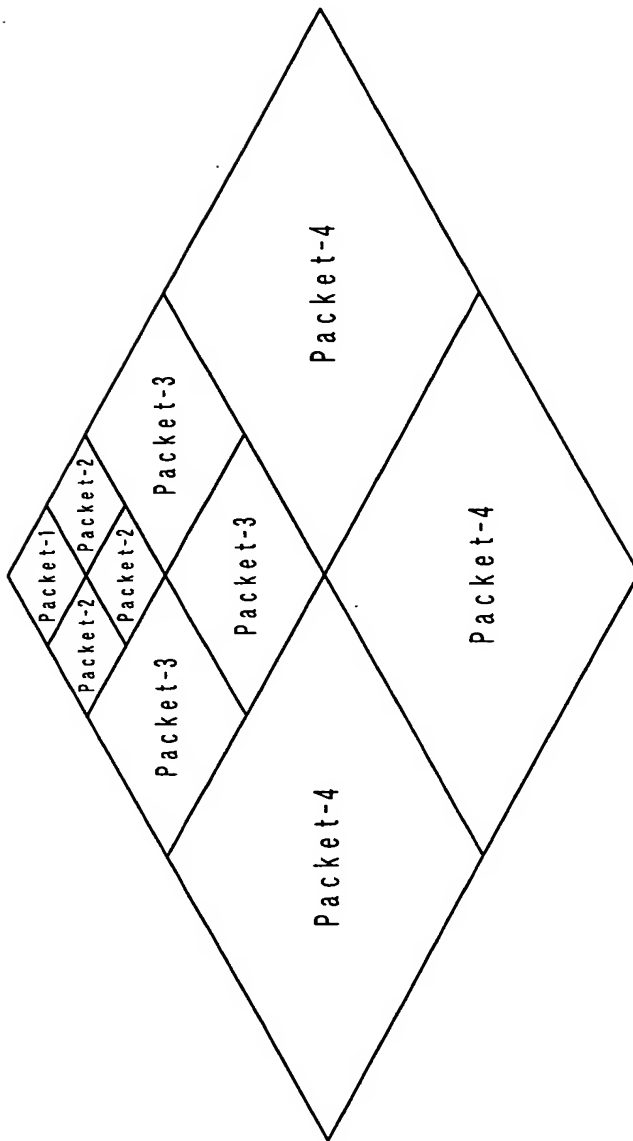


FIG.8

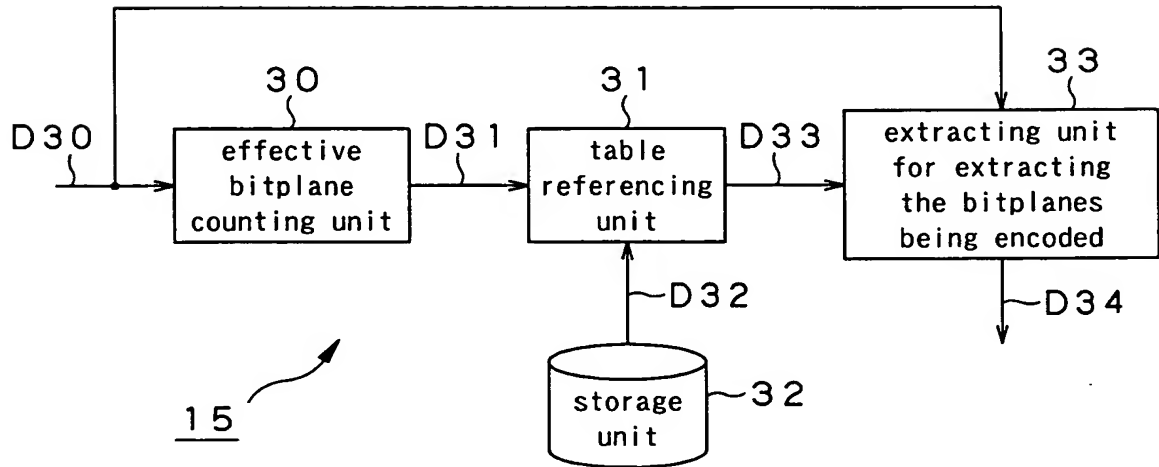


FIG. 9

number of effective bitplanes	number of bitplanes for encoding
0-500	4
501-1000	5
1001-	6

FIG. 10

L e v e l	H L		L H		H H	
1	0-5 0 0	4	0-5 0 0	4	0-5 0 0	3
	5 0 1-1 0 0 0	5	5 0 1-1 0 0 0	5	5 0 1-1 0 0 0	4
	1 0 0 1-	6	1 0 0 1-	6	1 0 0 1-	5
2	0-5 0 0	4	0-5 0 0	3	0-5 0 0	3
	5 0 1-1 0 0 0	5	5 0 1-1 0 0 0	4	5 0 1-1 0 0 0	4
	1 0 0 1-	6	1 0 0 1-	5	1 0 0 1-	5
3	0-5 0 0	3	0-5 0 0	3	0-5 0 0	3
	5 0 1-1 0 0 0	4	5 0 1-1 0 0 0	4	5 0 1-1 0 0 0	4
	1 0 0 1-	5	1 0 0 1-	5	1 0 0 1-	5
4	0-5 0 0	1	0-5 0 0	1	0-5 0 0	1
	5 0 1-1 0 0 0	2	5 0 1-1 0 0 0	2	5 0 1-1 0 0 0	2
	1 0 0 1-	3	1 0 0 1-	3	1 0 0 1-	3
5	0-5 0 0	1	0-5 0 0	1	0-5 0 0	1
	5 0 1-1 0 0 0	2	5 0 1-1 0 0 0	2	5 0 1-1 0 0 0	2
	1 0 0 1-	3	1 0 0 1-	3	1 0 0 1-	3

FIG. 1 1

<div></div>	3 HL	4 HL	5 HL
3 LH	3 HH		
4 LH		4 HH	5 HH
5 LH			

FIG.1 2

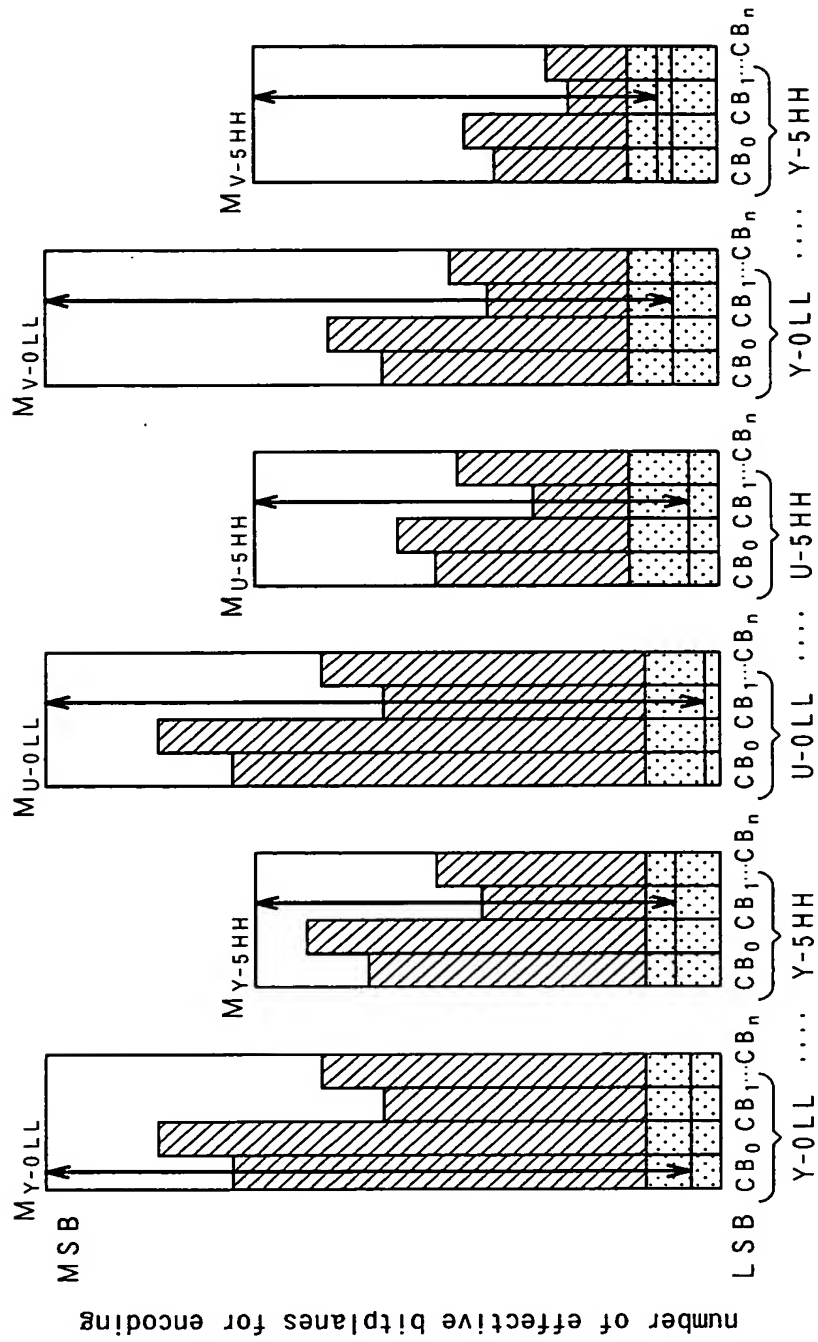


FIG. 13

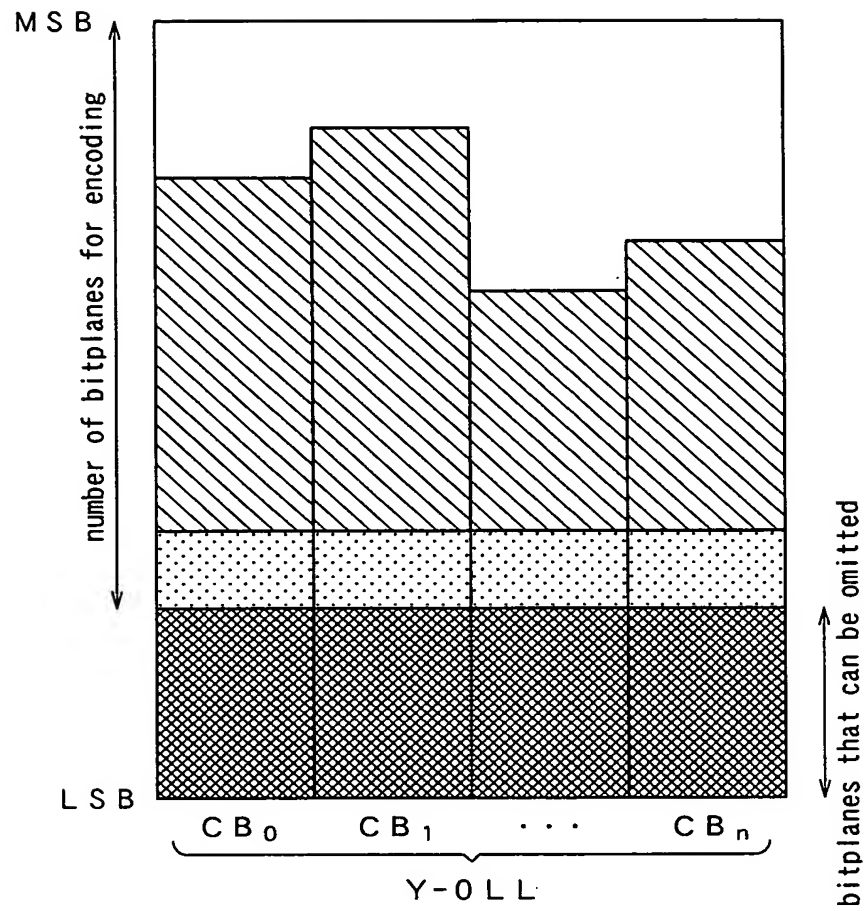


FIG. 14

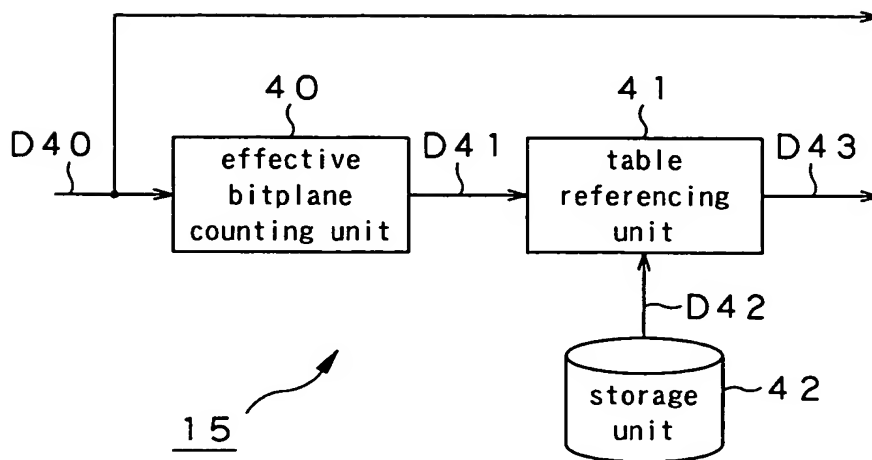


FIG. 15

number of effective bitplanes	number of encoding passes for encoding
0-500	8
501-1000	10
1001-	12

FIG. 16

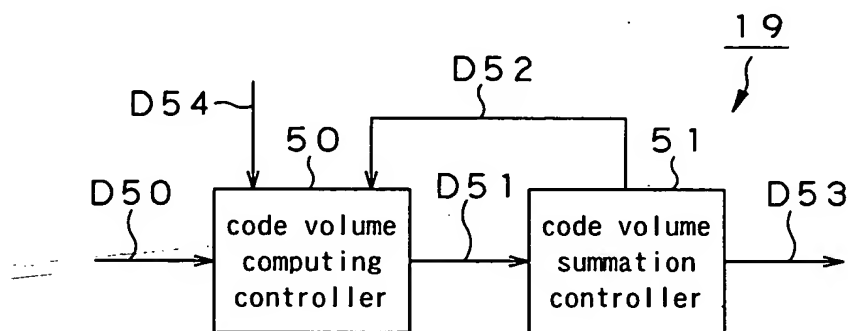


FIG. 17

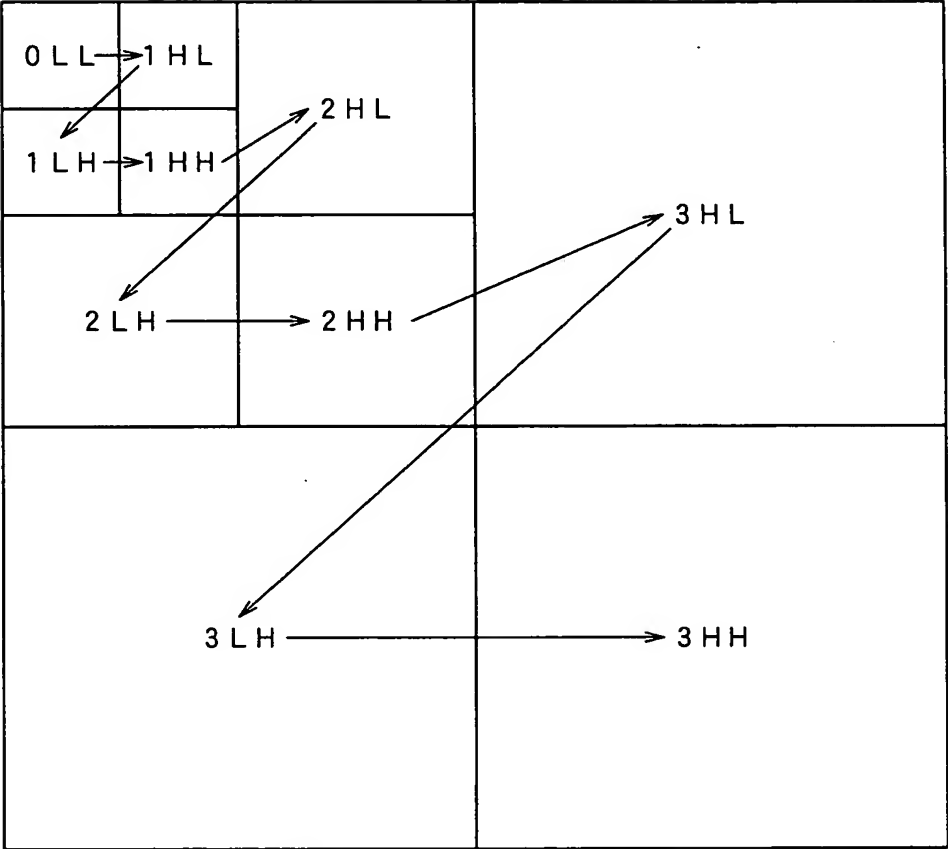


FIG.18

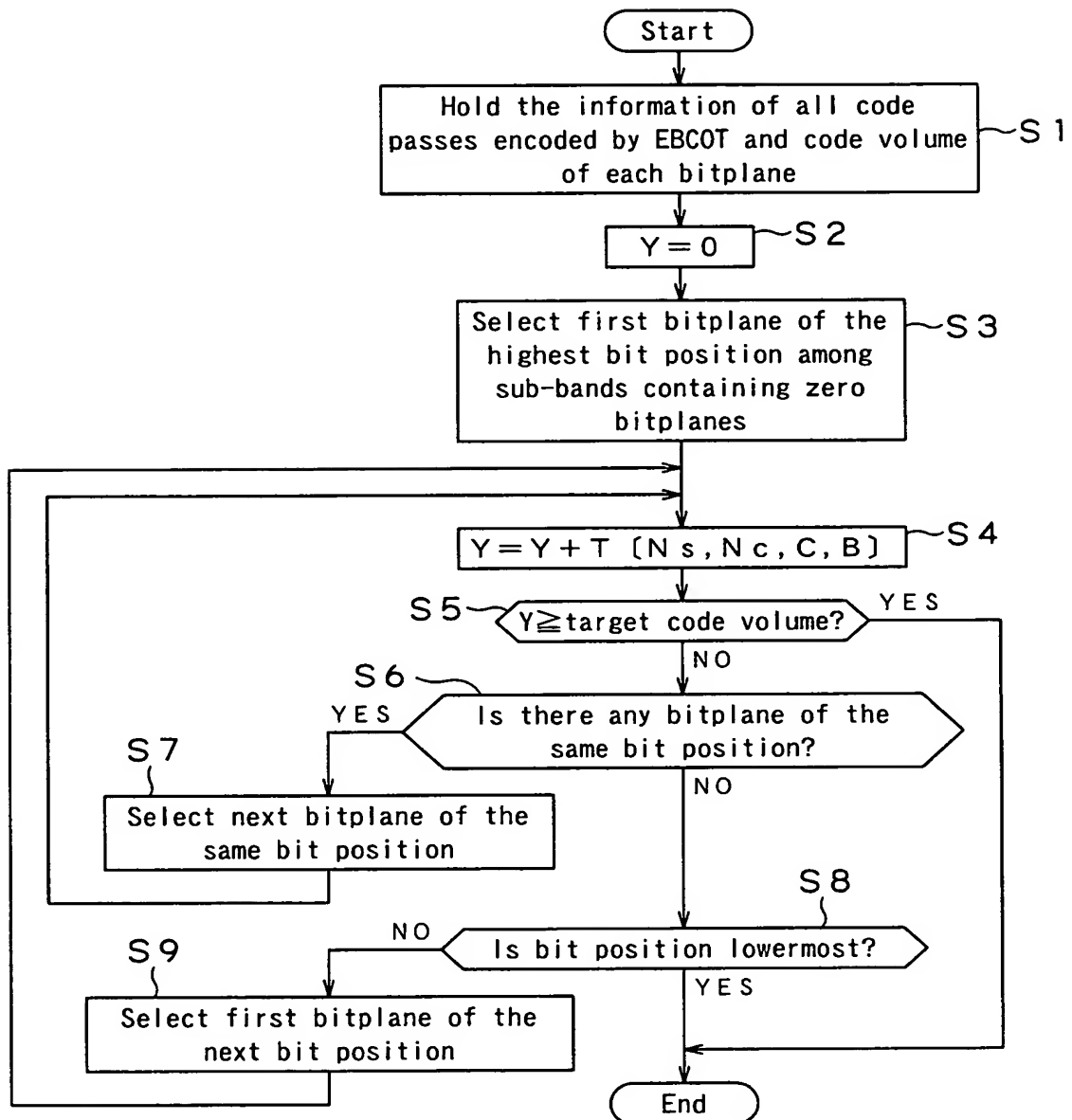


FIG. 19

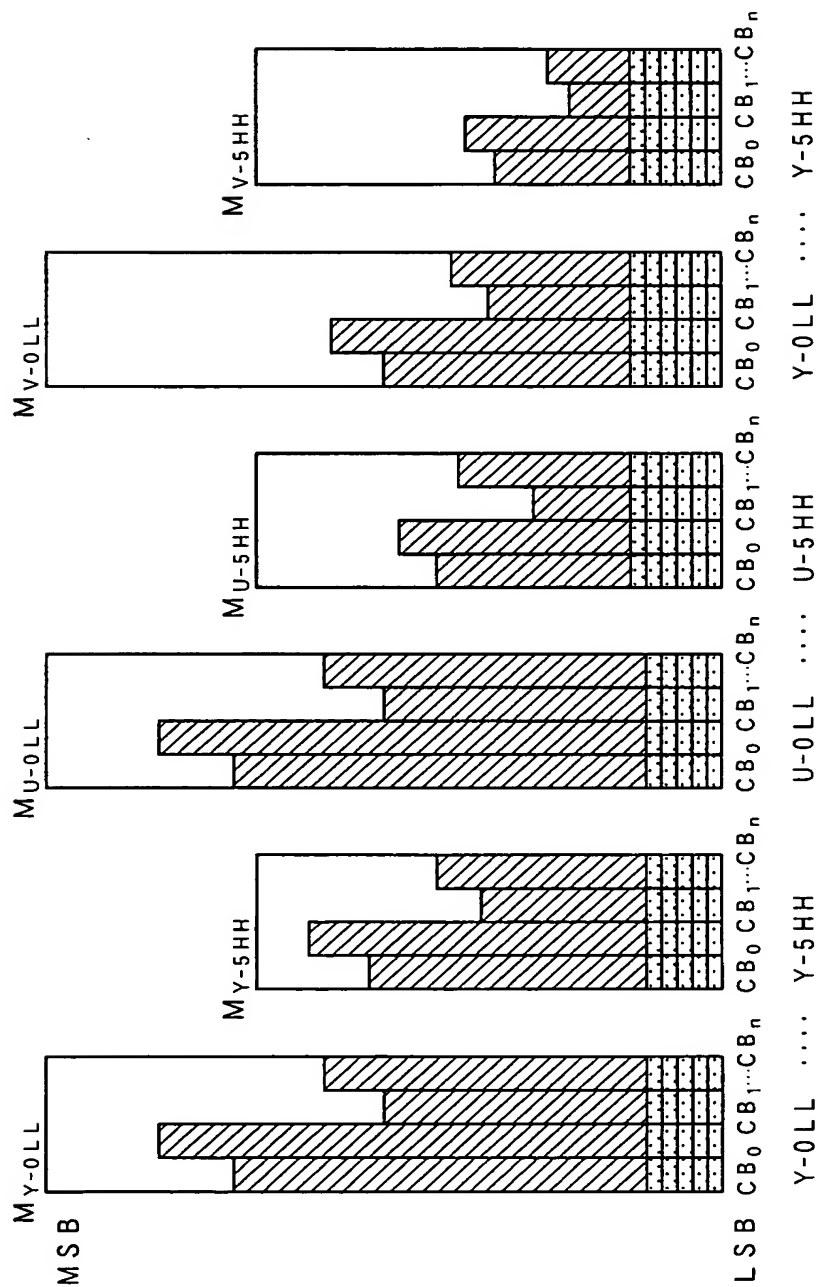


FIG.20

Level	Y				Cb				Cr			
	LL	HL	LH	HH	LL	HL	LH	HH	LL	HL	LH	HH
0	1.000				1.000				1.000			
1		1.000	1.000	1.000		0.813	0.813	0.738		0.856	0.856	0.797
2		1.000	1.000	1.000		0.680	0.680	0.567		0.750	0.750	0.656
3		0.999	0.999	0.999		0.489	0.489	0.349		0.587	0.587	0.458
4		0.838	0.838	0.702		0.267	0.267	0.142		0.375	0.375	0.236
5		0.276	0.276	0.091		0.090	0.090	0.090		0.167	0.167	0.070

FIG.21



FIG.22

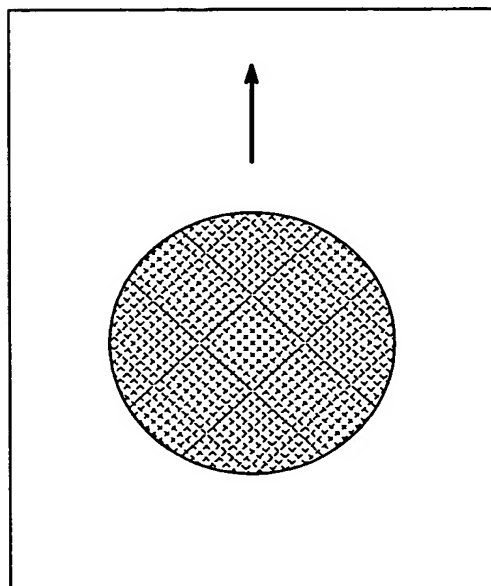


FIG. 23A

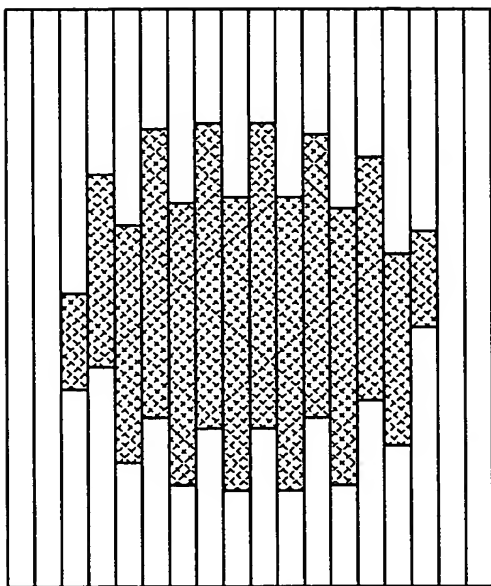


FIG. 23B



FIG.24

L e v e l	HL	LH	HH
1	0-500 4 501-1000 5 1001- 6	0-500 4 501-1000 5 1001- 6	0-500 3 501-1000 4 1001- 5
2	0-500 4 501-1000 5 1001- 6	0-500 3 501-1000 4 1001- 5	0-500 3 501-1000 4 1001- 5
3	0-500 3 501-1000 4 1001- 5	0-500 3 501-1000 4 1001- 5	0-500 3 501-1000 4 1001- 5
4	0-500 1 501-1000 2 1001- 3	0-500 1 501-1000 2 1001- 3	0-500 1 501-1000 2 1001- 3
5	0-500 1 501-1000 2 1001- 3	0	0-500 1 501-1000 2 1001- 3

FIG.25